

# Physique des télécommunications

**Lecturer**

Philippe DE DONCKER (Coordinator)

**Course mnemonic**

ELEC-H304

**ECTS credits**

5 credits

**Language(s) of instruction**

French

**Course period**

Second term

**Campus**

Solbosch

## Course content

transmission lines; retarded potentials; antenna basics; waves; materials; transmission, reflexion and diffraction of waves; waveguides

## Objectives (and/or specific learning outcomes)

electromagnetic foundations of telecommunication devices

## Teaching method and learning activities

ex-cathedra lectures and applied project

## Course notes

Syllabus and Université virtuelle

## Other information

### Place(s) of teaching

Solbosch

### Contact(s)

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## Evaluation method(s)

Oral examination and Project

### Oral examination

Open question with long development

Examination with preparation

### Main language(s) of evaluation

French

## Programmes

Programmes proposing this course at the Brussels School of Engineering

BA-IRCI | Bachelor in Engineering Sciences | option Bruxelles/unit 3